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(54) Title: GENE AND POLYPEPTIDE SEQUENCES

Pre Pro

—pre-albumin—||—pro region—

HSA	HSA	Met Lys Trp Val Thr Phe Ile Ser Leu Leu Phe Ser Ser Ala Tyr Ser Arg Gly Val Phe Arg Arg
HSA	Mfα-1	Met Lys Trp Val Thr Phe Ile Ser Leu Leu Phe Ser Ser Ala Tyr Ser Arg Ser Leu Asp Lys Arg
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(57) Abstract: The present invention provides a polypeptide comprising (i) a leader sequence, the leader sequence comprising a (a) secretion pre sequence, and (b) the following motif: -X₁-X₂-X₃-X₄-X₅- where X₁ is phenylalanine, tryptophan, or tyrosine, X₂ is isoleucine, leucine, valine, alanine or methionine, X₃ is leucine, valine, alanine or methionine, X₄ is serine or threonine and X₅ is isoleucine, valine, alanine or methionine; and (ii) a desired protein heterologous to the leader sequence. A polypeptide of the invention may additionally comprise, as part of the leader sequence, a secretion pro sequence. The invention also provides a polynucleotide comprising a sequence that encodes a polypeptide of the invention and a cell, preferably a yeast cell, comprising said polynucleotide.